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## CLAIMS

A process for preparing a high purity
 (meth)acryloyloxyalkyl isocyanate which process comprises:

subjecting a hydrolyzable chlorine containing

(meth)acryloyloxyalkyl isocyanate to mixing treatment with

an epoxy compound and an amine at a temperature of from

110 to 160°C to prepare a mixture; and

preparing a high purity (meth)acryloyloxyalkyl isocyanate from the resulting mixture.

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- 2. The process for preparing a high purity

  (meth)acryloyloxyalkyl isocyanate according to claim 1

  which process further comprises distilling the resulting

  mixture to isolate a (meth)acryloyloxyalkyl isocyanate,

  after the mixing treatment.
- 3. The process for preparing a high purity

  (meth)acryloyloxyalkyl isocyanate according to claim 1 or

  2 wherein the mixing treatment is carried out by adding a
  polymerization inhibitor.
- 4. The process for preparing a high purity

  (meth)acryloyloxyalkyl isocyanate according to claim 3

  which process further comprises carrying out distillation

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with adding a polymerization inhibitor after the mixing treatment.

- 5. The process for preparing a high purity5 (meth)acryloyloxyalkyl isocyanate according to claim 3 or4 wherein the polymerization inhibitor is phenothiazine.
- 6. The process for preparing a high purity

  (meth)acryloyloxyalkyl isocyanate according to claim 5

  wherein the mixing treatment is carried out with adding phenothiazine in an amount of from 0.1 to 20 % by mass based on the raw material (meth)acryloyloxyalkyl isocyanate and then the distillation is carried out with adding phenothiazine in an amount of from 3 to 30 % by mass based on the raw material (meth)acryloyloxyalkyl isocyanate.
- 7. The process for preparing a high purity

  (meth)acryloyloxyalkyl isocyanate according to claim 5 or

  20 6 wherein the total amount of phenothiazine added is from

  5 to 50 % by mass based on the raw material

  (meth)acryloyloxyalkyl isocyanate.
  - 8. The process for preparing a high purity

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(meth)acryloyloxyalkyl isocyanate according to any one of claims 2 to 7 wherein the distillation is carried out at a temperature of not higher than 120°C.

9. The process for preparing a high purity

(meth)acryloyloxyalkyl isocyanate according to any one of claims 1 to 8 wherein the amine is at least one selected from 2-alkyl-4-alkyl imidazole (provided that each alkyl group independently has a carbon number of 1 to 3),

trialkyl amine (provided that each alkyl group independently has a carbon number of 4 to 15) and a compound represented by the following formula [A]:

H2N - (CH2CH2NH)n - H ... [A]

wherein n is an integer of 2 or more.

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- 10. The process for preparing a high purity (meth)acryloyloxyalkyl isocyanate according to claim 9 wherein the amine is 2-ethyl-4-methylimidazole.
- 20 11. The process for preparing a high purity

  (meth)acryloyloxyalkyl isocyanate according to any one of

  claims 1 to 10 wherein the (meth)acryloyloxyalkyl

  isocyanate is (meth)acryoyloxyethyl isocyanate.